

# Raychem Corporation

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# Raychem

## PolySwitch®

## PTC Devices

Resettable Fuse

PRODUCT: RGE800

DOCUMENT: SCD 24067

PCN: 358261

REV LETTER: D

REV DATE: FEBRUARY 3, 2000

PAGE NO.: 1 OF 1

### Specification Status: RELEASED

#### Electrical Rating

Voltage: 16V MAX

Current: 100A MAX

#### Insulating Material:

Cured, Flame Retarded Epoxy Polymer  
meets UL94 V-0 Requirements

#### Lead Material:

20 AWG Tin/Lead Plated Copper  
(0.81mm [0.032] nom. diameter)

#### Marking:

- Raychem Logo and Voltage
- XX 16 — Part Identification
- G 800 — Lot Identification (can be on back)
- — Lot Identification (can be on back)

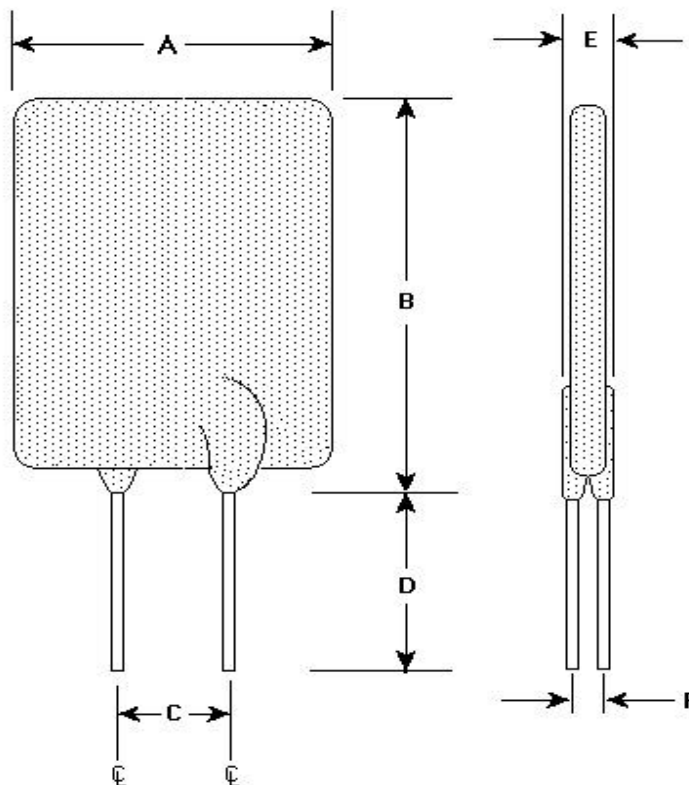


TABLE I. DIMENSIONS:

	A		B		C		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:	11.7	12.7	16.0	20.9	4.3	5.8	7.6	--	2.0	3.0	1.2
in*:	(0.46)	(0.50)	(0.63)	(0.82)	(0.17)	(0.23)	(0.30)	--	(0.08)	(0.12)	(0.05)

\*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD	CURRENT RATINGS		TIME TO TRIP	RESISTANCE VALUES		TRIPPED-STATE POWER DISSIPATION
	AMPS AT 25°C HOLD	AMPS AT 25°C TRIP		OHMS AT 25°C MIN	OHMS AT 25°C MAX	
8.0	8.0	13.6	SECONDS AT 25°C, 40.0 A MAX	5.0	0.0056   0.0175	WATTS AT 25°C, 16V TYP
						3.0

Recognitions:

CSA/ TUV/ UL approved.

Reference Documents:

PS300

Precedence:

This specification takes precedence over documents referenced herein.

Effectivity:

Reference documents shall be the issue in effect on the date of invitation for bid.

CAUTION:

Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.